

Review of: "Effect of Supplementation with Moringa oleifera on Antioxidant and Oxidative Stress Biomarkers of Infertile Women: A Pilot Open-Label Randomized Clinical Trial"

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Potential competing interests: No potential competing interests to declare.

Dear Authors,

The article is interesting; however, the level of evidence is poor. The flow chart depicting the patient selection criteria does not mention the 30 fertile subjects who were positive controls.

Baseline data of Group 1, Group 2, and Group 3 are to be presented in Table 1.

Comparison in the form of proportionate change from baseline data and following supplementation can be shown as a separate diagram/bar graph rather than just a comparison between infertile baseline and infertile post-supplementation (Table 2).

I suppose the authors assayed the biochemical parameters only at baseline for the no-intervention group. This is a serious drawback of this study.

As any plant-based diet or phytochemicals can have a general improvement on antioxidant status, it would be improper to attribute the same to Moringa leaves without taking into account the diet and exercise pattern and history of these subjects.

Overall, the study needs to be continued for a longer duration to compensate for loss on follow-up, proper statistical analysis and data presentation of results for all three groups, addition of physical activity and diet history which may influence the assayed parameters. Lastly, the referencing is haphazard and does not seem to follow any particular style, which has to be corrected.